

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037583.D
 Acq On : 26 Oct 2018 16:32
 Operator : JU/SJ
 Sample : J5649-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-03B

Quant Time: Oct 27 03:49:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

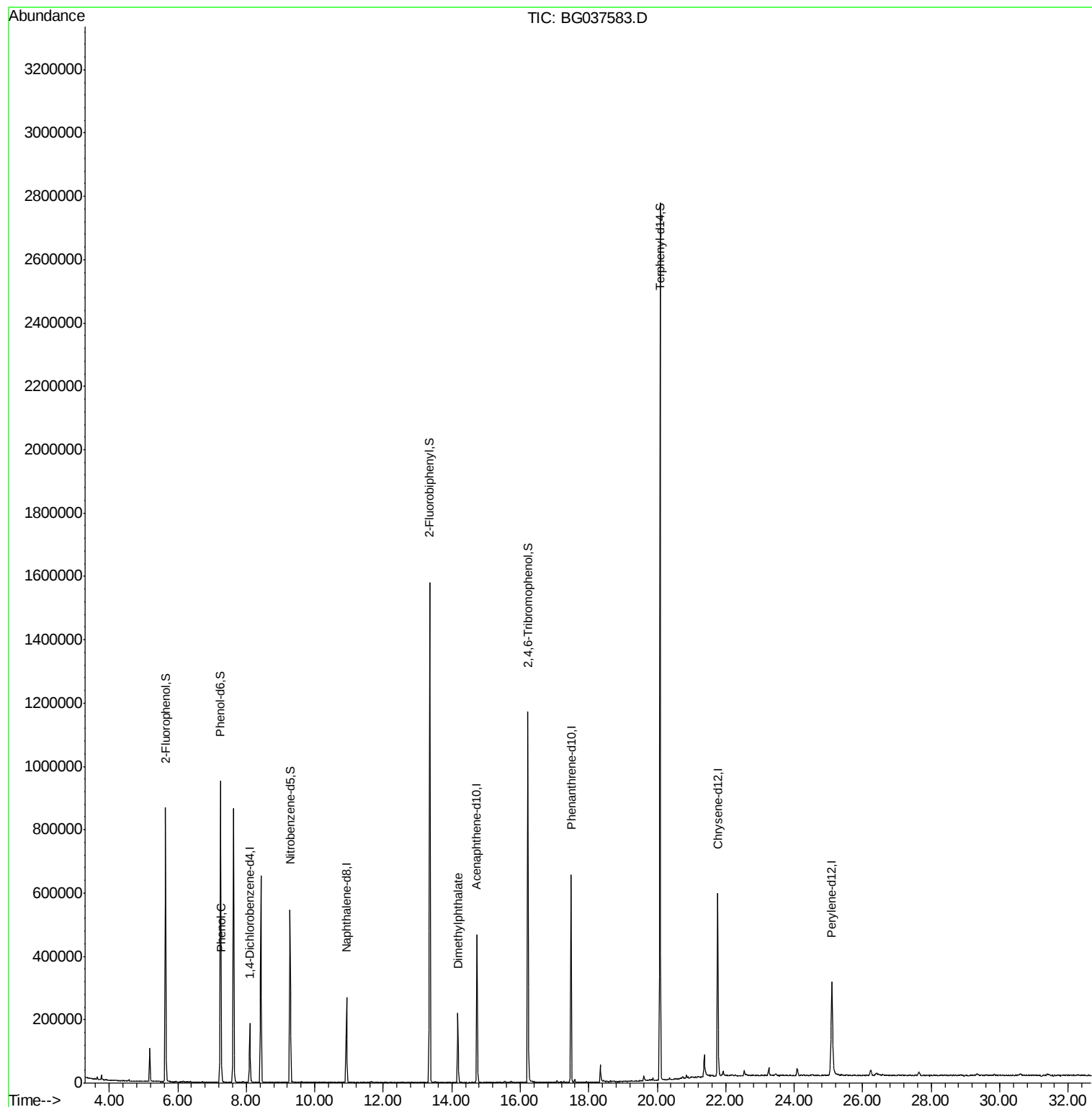
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56357	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	246883	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	169017	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	410697	20.00	ng	0.00
76) Chrysene-d12	21.77	240	378108	20.00	ng	0.00
87) Perylene-d12	25.10	264	368183	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	400642	118.85	ng	0.00
7) Phenol-d6	7.25	99	598388	117.39	ng	0.00
23) Nitrobenzene-d5	9.28	82	353792	80.28	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	211290	114.62	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	863169	77.01	ng	0.00
79) Terphenyl-d14	20.08	244	1283495	72.53	ng	0.00
Target Compounds						
10) Phenol	7.27	94	41122	7.646	ng	98
50) Dimethylphthalate	14.18	163	160674	12.288	ng	98

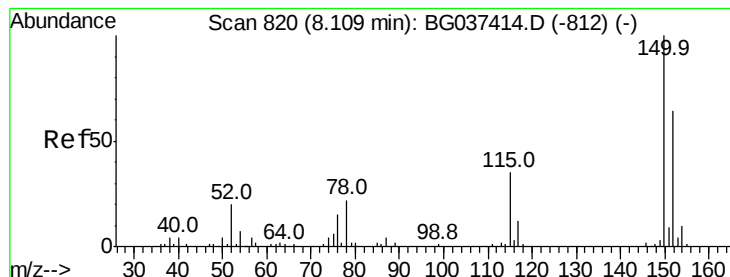
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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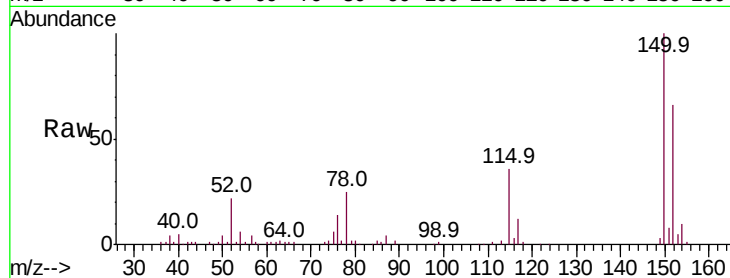


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

Instrument :
BNA_G
ClientSampleId :
DL-03B

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.0	189.0
115	54.2	45.5	68.3

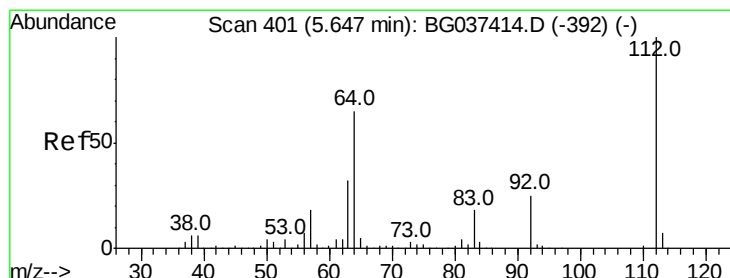
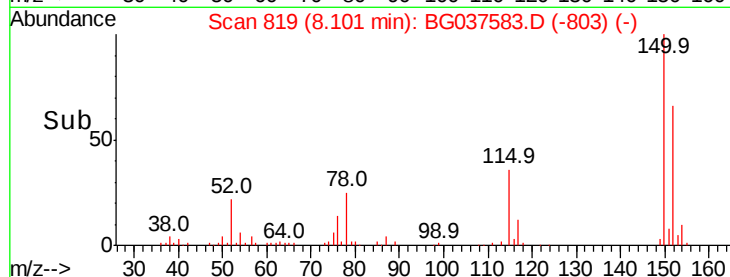
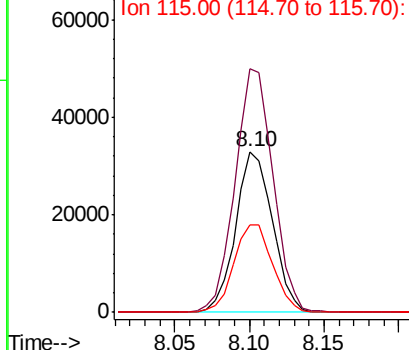


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

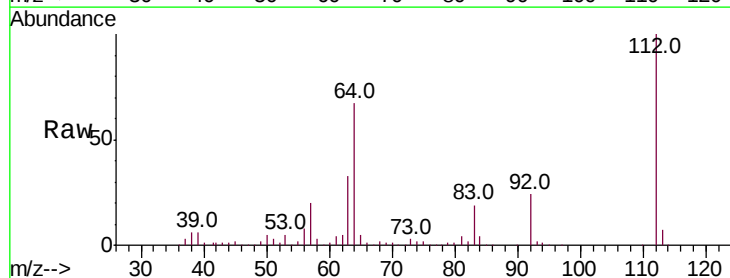
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.852 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	33.1	27.3	40.9

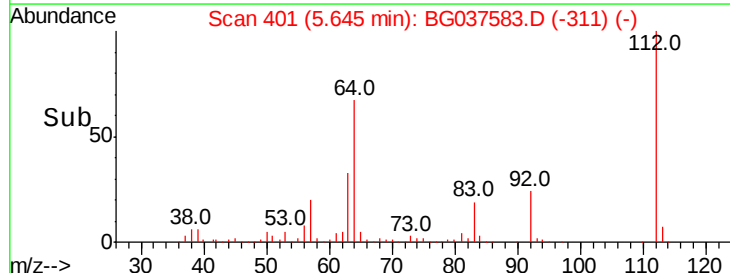
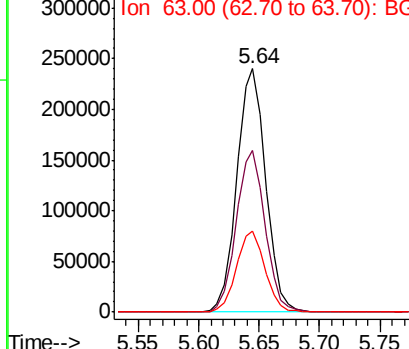


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.394 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037583.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_G

ClientSampleId :

DL-03B

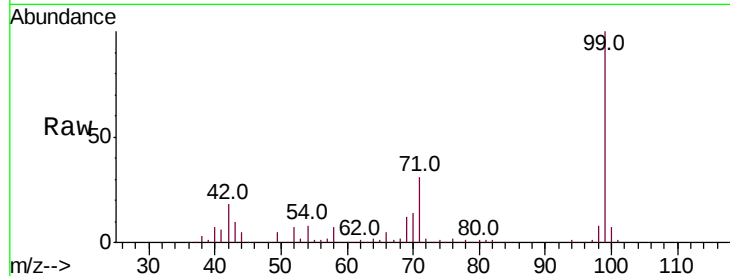
Tot Ion: 99 Resp: 598388

Ion Ratio Lower Upper

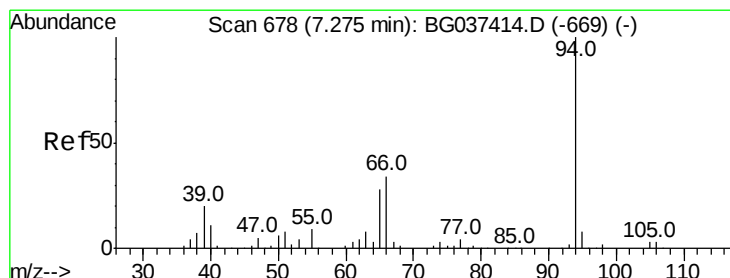
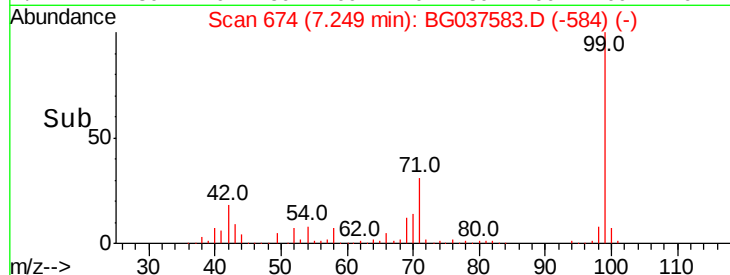
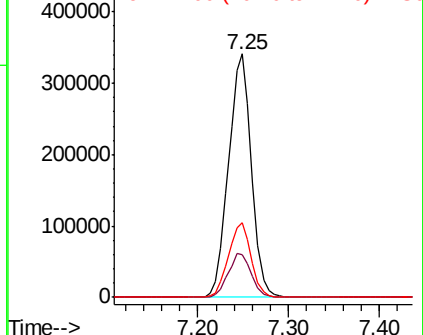
99 100

42 17.7 15.0 22.4

71 30.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 7.646 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037583.D

Acq: 26 Oct 2018 16:32

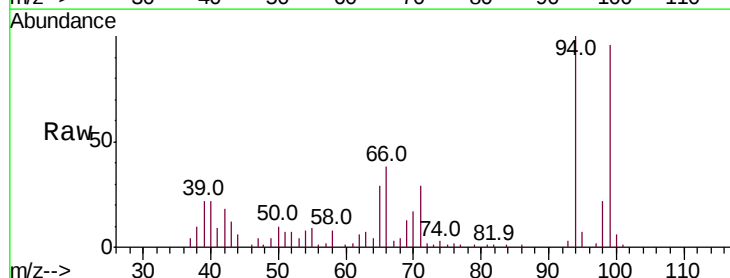
Tgt Ion: 94 Resp: 41122

Ion Ratio Lower Upper

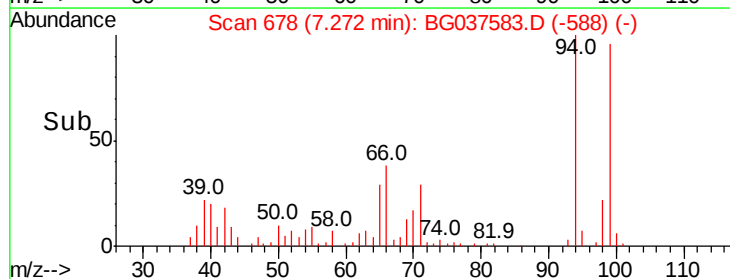
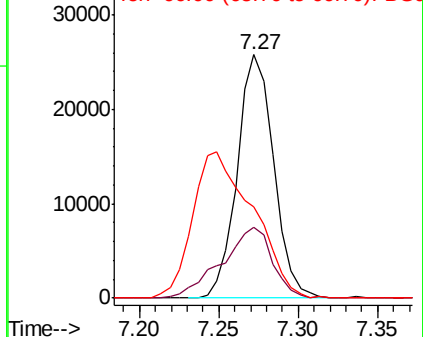
94 100

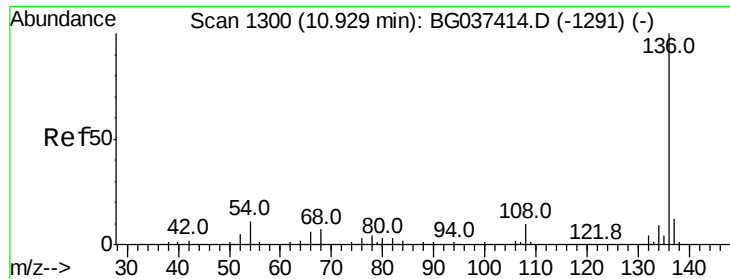
65 29.1 9.7 49.7

66 37.7 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

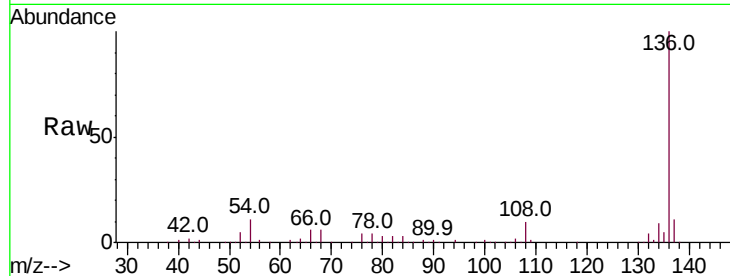




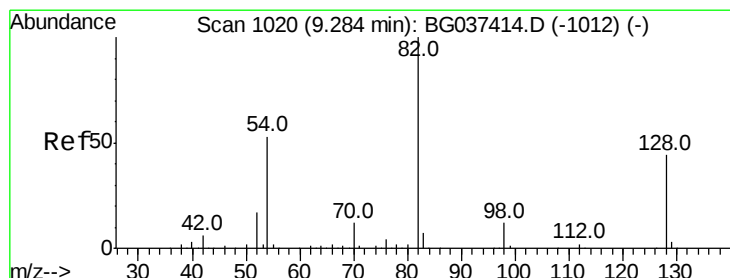
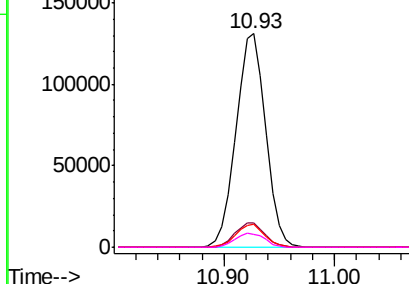
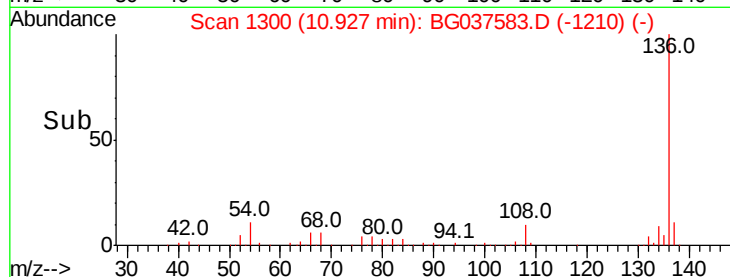
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

Instrument :
BNA_G
ClientSampleId :
DL-03B

Tot Ion:	136	Resp:	246883
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.9	7.9	11.9
68	5.9	4.8	7.2

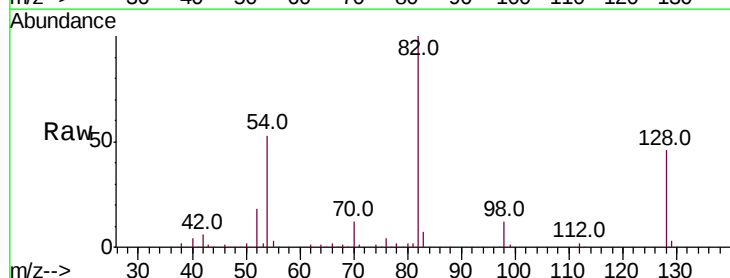


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

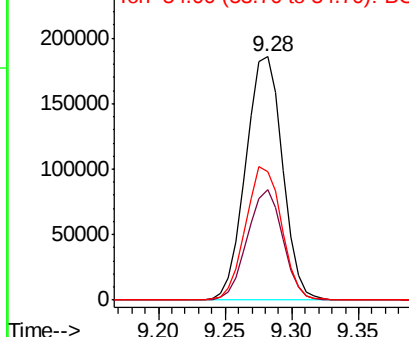
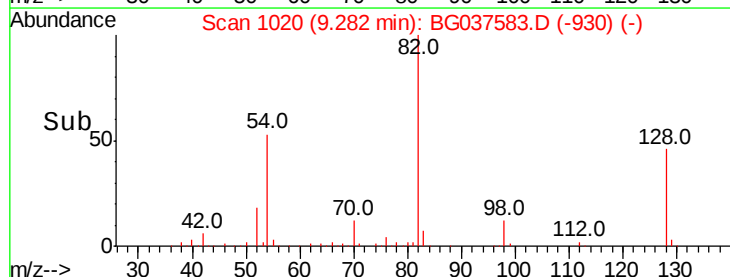


#23
Nitrobenzene-d5
Concen: 80.277 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

Tgt Ion:	82	Resp:	353792
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	52.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000 Ion 128.00 (127.70 to 128.70): E
200000 Ion 54.00 (53.70 to 54.70): BGC
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037583.D

Acq: 26 Oct 2018 16:32

Instrument :

BNA_G

ClientSampleId :

DL-03B

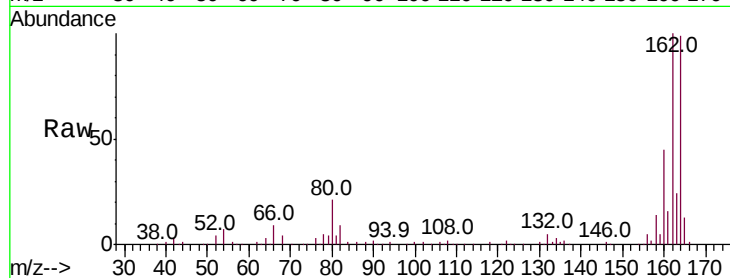
Tot Ion:164 Resp: 169017

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

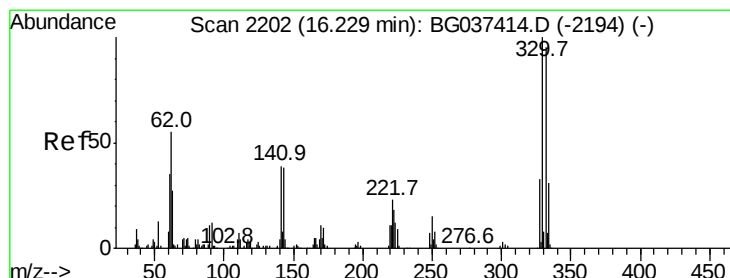
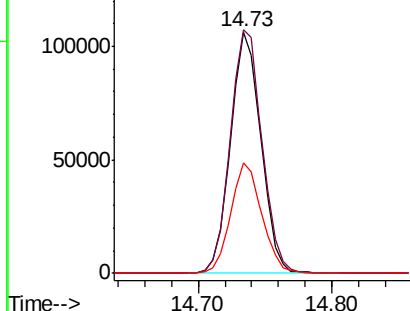
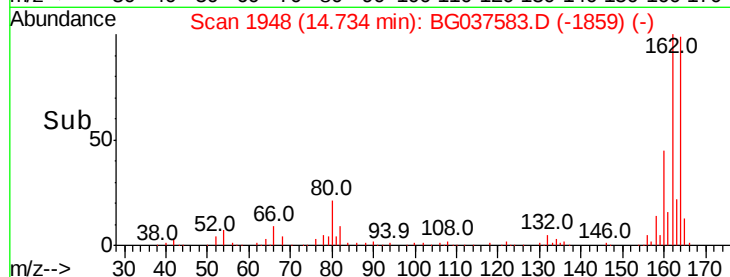
160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 114.617 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037583.D

Acq: 26 Oct 2018 16:32

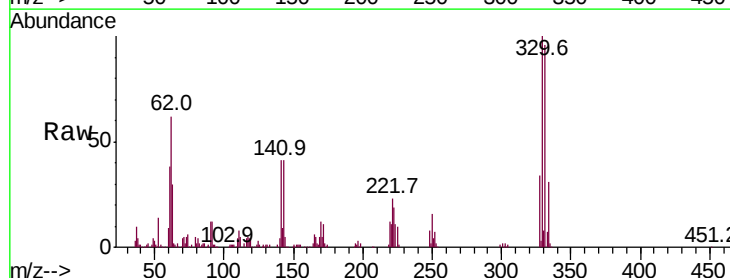
Tgt Ion:330 Resp: 211290

Ion Ratio Lower Upper

330 100

332 94.1 78.4 117.6

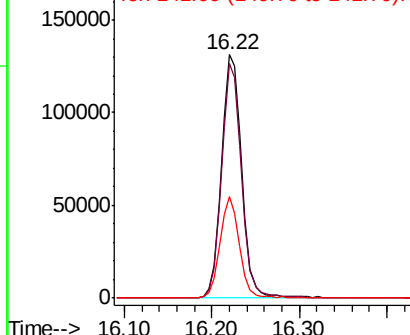
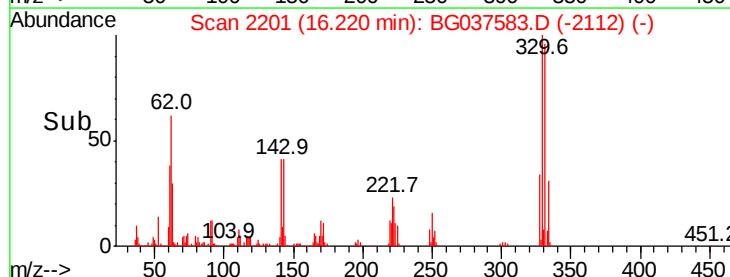
141 39.7 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

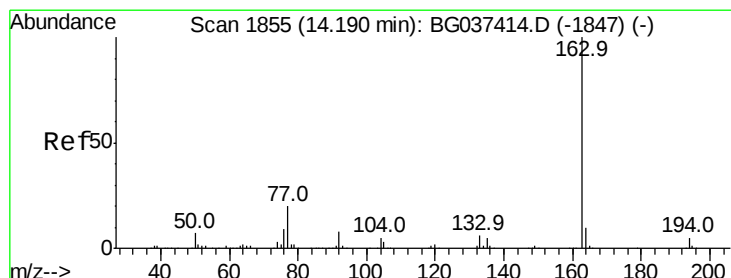
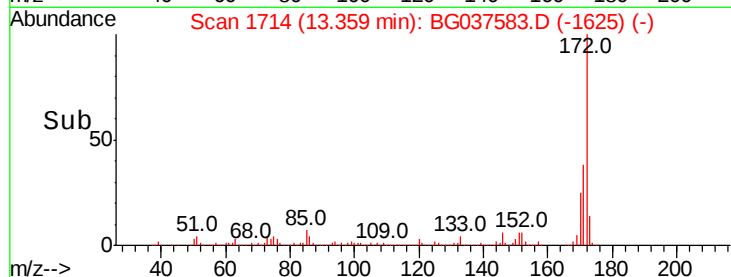
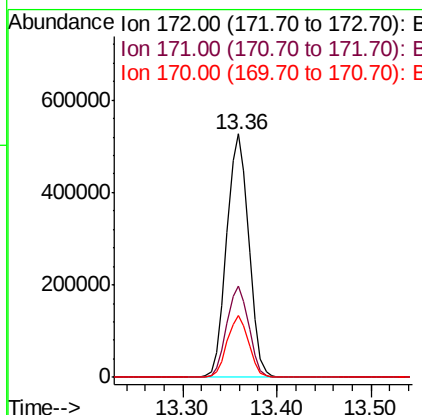
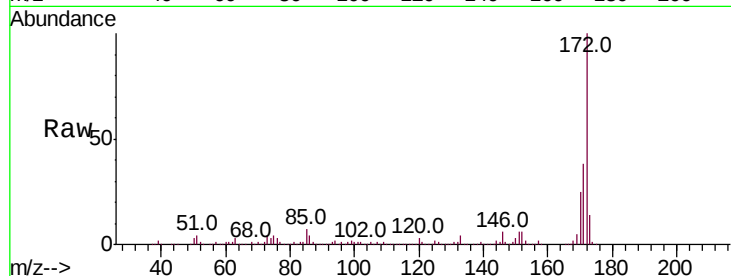




#45
2-Fluorobiphenyl
Concen: 77.011 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

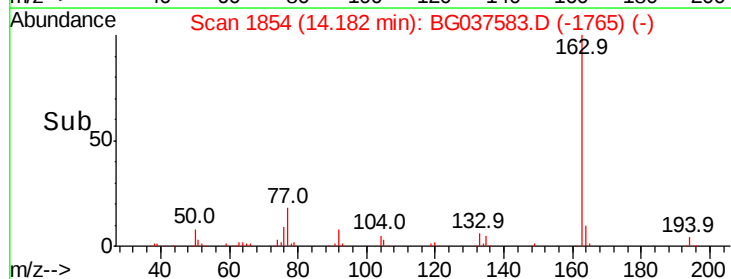
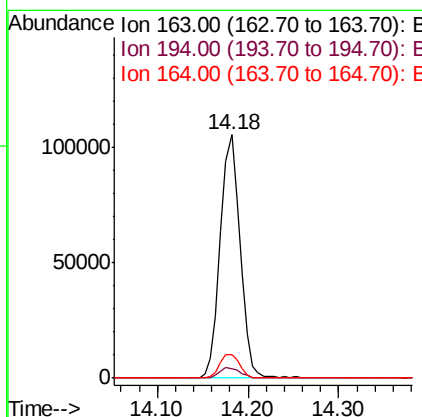
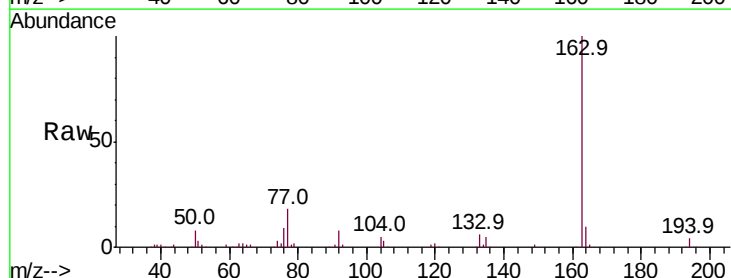
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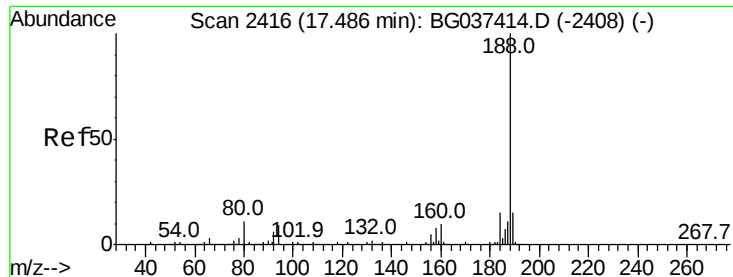
Tot Ion:172 Resp: 863169
Ion Ratio Lower Upper
172 100
171 37.6 31.0 46.4
170 25.3 20.2 30.2



#50
Dimethylphthalate
Concen: 12.288 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

Tgt Ion:163 Resp: 160674
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 9.7 8.5 12.7

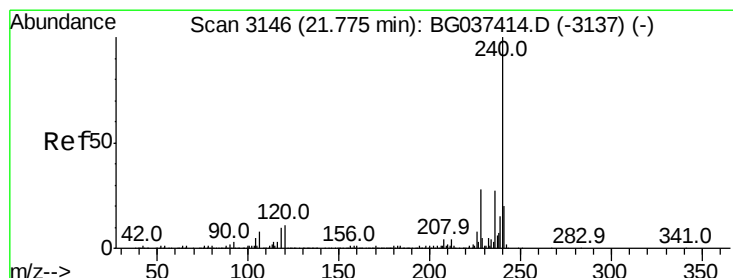
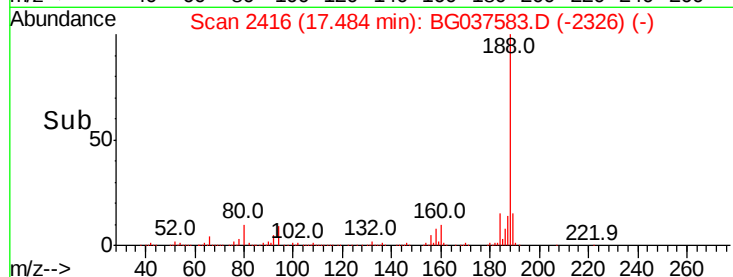
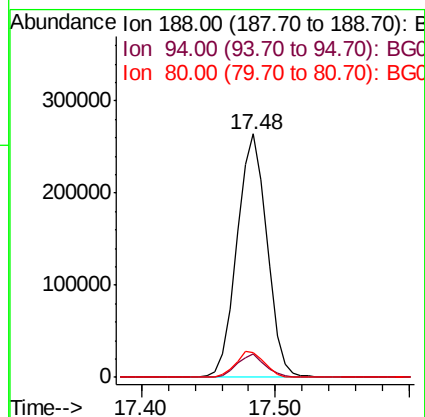
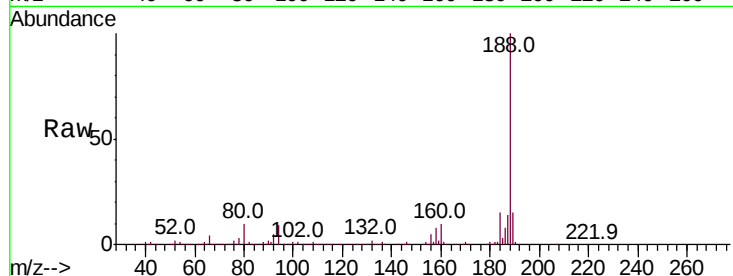




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

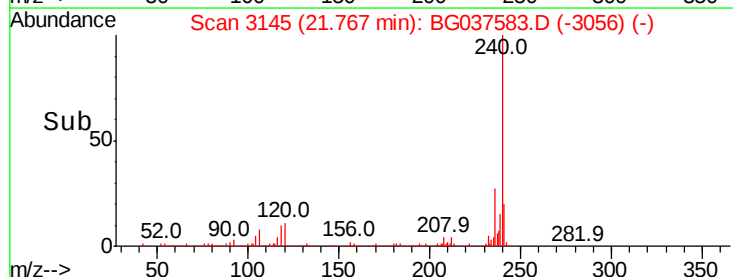
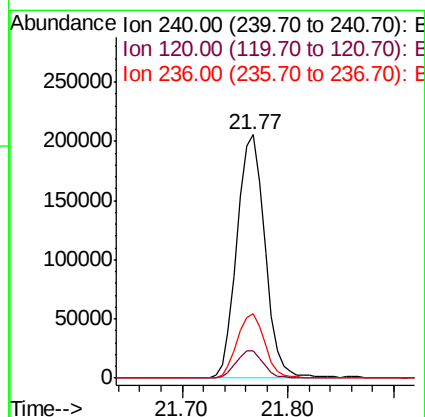
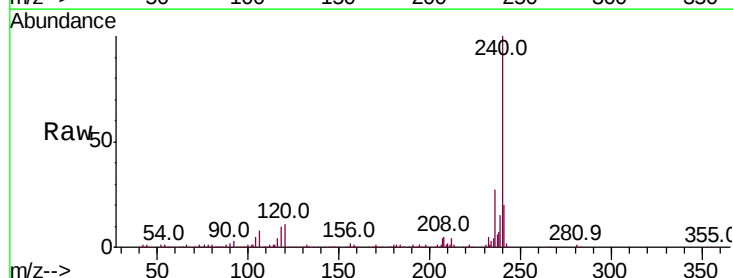
Instrument :
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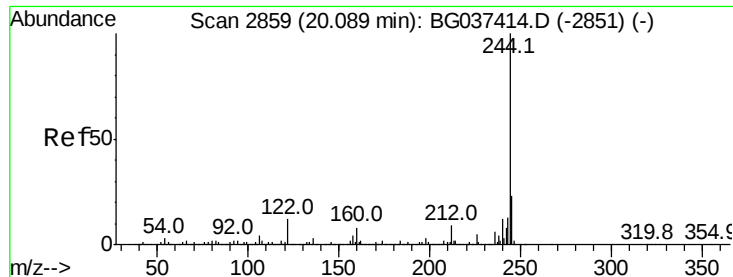
Tot Ion:188 Resp: 410697
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037583.D
Acq: 26 Oct 2018 16:32

Tgt Ion:240 Resp: 378108
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.6 21.4 32.0



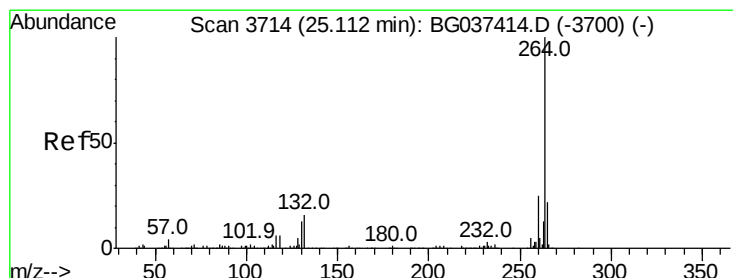
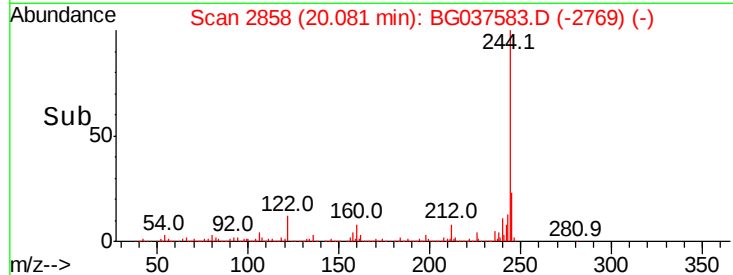
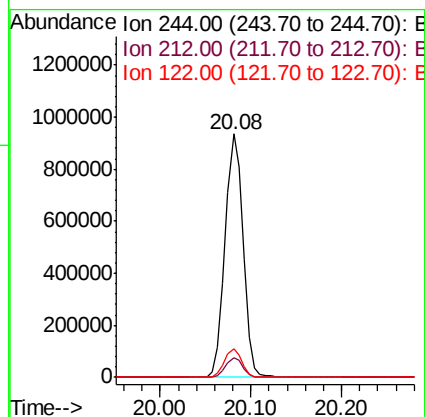
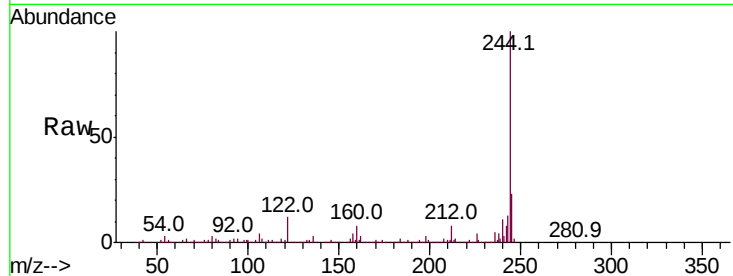


#79
 Terphenyl-d14
 Concen: 72.533 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037583.D
 Acq: 26 Oct 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 DL-03B

Tot Ion:244 Resp: 1283495

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.7	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037583.D
 Acq: 26 Oct 2018 16:32

Tgt Ion:264 Resp: 368183

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.5	17.9	26.9

